

ney Docket No. IMMR-092/02US

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ADEMPIn re application of Chester L. SCHULER et al.

Serial No.:

10/072,728

Examiner:

Ming-Hun Liu PECEIVED

Filed:

February 7, 2002

Art Unit:

2675

JUL 1 4 2004

Confirmation No.: 2651

Technology Center 2600

INTERFACE DEVICE WITH TACTILE RESPONSIVENESS For:

U.S. Patent and Trademark Office 220 20<sup>th</sup> Street South Customer Window Crystal Plaza Two, Lobby, Room 1B03 Arlington, VA 22202

### INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Enclosed is an Information Disclosure Statement and accompanying Form PTO/SB/08A for the above-identified patent application.

- In accordance with 37 C.F.R. §1.97(b), no additional fee for submission of the  $\prod$ IDS is required.
- In accordance with 37 C.F.R. §1.97(c), also enclosed is: [x]
  - the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p); or [x]
  - a statement as specified in 37 C.F.R. §1.97(e).  $\prod$
- In accordance with 37 C.F.R. §1.97(d), a statement as specified in 37 C.F.R. § 1.97(e) and the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) are also enclosed.
- [x]Check in the amount of \$180.00 for the total fee is attached.
- [x]A return receipt postcard is also enclosed.
- Please charge \$ to Deposit Account No. 50-1283 for the total fee. This paper is being submitted in duplicate.

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Attorney Docket Number: IMMR092/02US Application Serial No.: 10/072,728

Page 2

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 50-1283.

Dated: July 9, 2004

Cooley Godward LLP ATTN: Patent Group One Freedom Square Reston Town Center 11951 Freedom Drive Reston, VA 20190-5656 Tel: (703) 456-8000

Tel: (703) 456-8000 Fax: (703) 456-8100 Respectfully submitted, COOLEY GODWARD LLP

By:

Erik B. Milch Reg. No. 42,887

211203 v1/RE 4\$YR01!.DOC

Rev. 10/30/2001 Attorney Docket No. IMMR-

**PATENT** 

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In re application of Chester L. SCHULER et al.

Serial No.:

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**Technology Center 2600** 

U.S. Patent and Trademark Office 220 20<sup>th</sup> Street South **Customer Window** Crystal Plaza Two, Lobby, Room 1B03 Arlington, VA 22202

#### INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(c)

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56, Applicant(s) hereby submits the following information in conformance with 37 C.F.R. §§1.97 and 1.98.

- Pursuant to 37 C.F.R. §1.98, a copy of each document cited in the attached Form [x]PTO/SB/08A (1 of 2) is enclosed.
- No copies of the publications listed on the attached Form PTO/SB/08A (2 of 2) [x] are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial Nos. 09/253,392; 08/434,176 (U.S. Patent No. 5,559,412); 08/076,344 (U.S. Patent No. 5,414,337); 07/783,635 (U.S. Patent No. 5,220,260); and/or 08/585,198 (U.S. Patent No. 5,889,670) to which the above-identified application claims priority under 35 U.S.C. §120.
- No copies of any U.S. patents or U.S. patent application publications listed on the []attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98 because this application was filed after June 30, 2003.
- Publication(s) listed on the attached Form PTO/SB/08A were cited in a  $\prod$ foreign search or examination report corresponding to application serial no. and mailed on .
- Enclosed is a copy of a non-English publication(s) \_\_\_. Pursuant to §609 of the []M.P.E.P., Applicant submits the attached foreign search or examination report, which cites such non-English language publication(s).

Attorney Docket Number: IMMR092/02US
Application Serial No.: 10/072,728

Page 2

[]				opy of a non-English publication(s) English language (copy enclosed) claims priority from this non-English publication.			
[]	_			explanation of non-English publication(s) for which an English ot available.			
[:				English translation of non-English publication(s) cited in the PTO/SB/08A.			
[]	]	Enclose	ed is a c	opy of pending patent Application Serial No			
				losure Statement is filed after the period specified in 37 C.F.R. § g of:			
		[x]	a final	action under 37 C.F.R. §1.113;			
		[]	a notice	e of allowance under 37 C.F.R. §1.311; or			
		[]	an actio	on that otherwise closes prosecution in this application.			
Iı	n acco	ordance with 37 C.F.R. §1.97(c) also enclosed is:					
		[x] Fee under 37 C.F.R. §1.17(p) in the amount of \$180.00; or					
		[]	Stateme	ent as specified in 37 C.F.R. §1.97(e):			
				Each item of information contained in the Information Disclosure Statement cited herein was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or			
[] [] This Ir 1.97(b), but be				No item of information contained in the Information Disclosure Statement submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, having made a reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing date of the Information Disclosure Statement.			

Attorney Docket Number: IMMR092/02US Application Serial No.: 10/072,728

Page 3

It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08A to the undersigned.

Dated: July 9, 2004

Cooley Godward LLP. ATTN: Patent Group One Freedom Square Reston Town Center 11951 Freedom Drive Reston, VA 20190-5656 Tel: (703) 456-8000

Tel: (703) 456-8000 Fax: (703) 456-8100 Respectfully submitted, COOLEY GODWARD LLP

By:

Erik B. Milch Reg. No. 42,887

211198 v1/RE 4\$YM01!.DOC

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(1 of 2)

(use as many sheets as necessary)

Sheet 1 of 3

Substitute for form 1449AVPTO

	Complete if Known
Application Number	10/072,728
Filing Date	February 7, 2002
First Named Inventor	Chester L. Schuler
Art Unit	2675
Examiner Name	Ming-Hun Liu
Attorney Docket Number	IMMR092/02US

			U.S. PATENT DOC	UMENTS	
		Document Number			
Examiner	Cite No.1	Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		6,160,489	12/12/2000	Perry et al.	
		6,111,577	8/29/2000	Zilles et al.	
		5,690,582	11/25/1997	Ulrich et al.	
		5,575,761	11/19/1996	Hajianpour	
		5,437,607	8/1/1995	Taylor	
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		4,885,565	12/5/1989	Embach	
		4,484,191	11/20/1984	Vavra	
		4,464,117	8/7/1984	Foerst	RECEIVE
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		4,262,549	4/21/1981	Schwellenbach	<del>JUL 1 4 20</del> 04
		4,127,752	11/28/1978	Lowthorp .	JUL 1 4 2004
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		4,939,594	7/3/1990	Moxon	Technology Center 26
		5,889,670	3/30/1999	Schuler	
		4,685,003	8/4/1987	Westland	
		4,560,983	12/24/1985	Williams	
		4,859,922	8/22/1989	Tauchenitz et al.	
		5,191,320	3/2/1993	MacKay	
		5,187,630	2/16/1993	MacKay	
		4,652,805	3/24/1987	Kohn	
		4,553,080	11/12/1985	Cannon	

Examiner Initials*	Cite No.1	Fo	reign Patent Doo	ument		Name of Patentee or	Pages, Columns, Lines,	
		Country Code <sup>3</sup>	Number⁴	Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Applicant of Cited  Document	Where Relevant Passages or Relevant Figures Appear	
		GB	2 016 225		9/19/1979	Ricoh Company		

Examiner Signature	Date Considered	

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> **Applicant's** unique citation designation number **(optional)**. <sup>2</sup> Kind Codes of U.S. Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (10-01)

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Substitute	e for form 1449A/PTC	)			Complete if Known
				Application Number	10/072,728
INFO	RMATION	DIS	CLOSURE	Filing Date	February 7, 2002
STAT	<b>TEMENT B</b>	Y A	PPLICANT	First Named Inventor	Chester L. Schuler JUL 1 4 2004
				Art Unit	2675
	(use as many she	ets as	necessary)	Examiner Name	Ming-Hun Liu Technology Center 2500
Sheet	2	of	3	Attorney Docket Number	IMMR092/02US

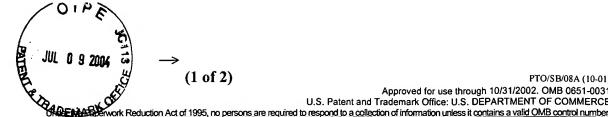
		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		PATRICK, "Design, Construction, and Testing of a Fingertip Tactile Display for Interaction with Virtual and Remote Environments," <i>Master of Science Thesis</i> , MIT, Aug. 1990, archived Nov. 8, 1990.
		CALDER, "Design of A Force-Feedback Touch-Introducing Actuator For Teleoperator Robot Control," Bachelor of Science Thesis, MIT, May 1983, archived June 23, 1983.
		WIKER, "Teletouch Display Development: Phase 1 Report," <i>Technical Report 1230</i> , Naval Ocean Systems Center, San Diego, July 1988.
		BLISS, "Optical-to-Tactile Image Conversion for the Blind," <i>IEEE Transactions on Man-Machine Systems</i> , Vol. MMS-11, No. 1, March 1970.
		JOHNSON, "Shape-Memory Alloy Tactile Feedback Actuator," Armstrong Aerospace Medical Research Laboratory, AAMRL-TR-90-039, August, 1990.
		KONTARINIS et al., "Tactile Display of Vibratory Information in Teleoperation and Virtual Environments," PRESENCE, 4(4):387-402, Harvard Univ., 1995.
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		EBERHARDT et al., "Inducing Dynamic Haptic Perception by The Hand: System Description and Some Results," DSC-Vol. 55-1, <i>Dynamic Systems and Control</i> : Volume 1, ASME 1994.
		GOBEL et al., "Tactile Feedback Applied to Computer Mice," International Journal of Human-Computer Interaction, Vol. 7, No. 1, pp. 1-24, 1995.
		PIMENTEL et al., "Virtual Reality: through the new looking glass," 2 <sup>nd</sup> Edition; McGraw-Hill, ISBN 0-07-050167-X, pp. 41-202, 1994.
		"Cyberman Technical Specification," Logitech Cyberman SWIFT Supplement to Logitech Mouse Technical Reference and Programming Guide, 4/5/1994.
		OUHYOUNG et al., "The Development of A Low-Cost Force Feedback Joystick and Its Use in the Virtual Reality Environment," Proceedings of the Third Pacific Conference on Computer Graphics and Applications, Pacific Graphics '95, Seoul, Korea, 21-24 August 1995.
		KACZMAREK et al., "Tactile Displays," Virtual Environment Technologies, Chap. 9, pp. 349-414.
		LAKE, "Cyberman from Logitech," at http://www.ibiblio.org/GameBytes/issue21/greviews/cyberman.html, 1994.
		YAMAKITA et al., "Tele-Virtual Reality of Dynamic Mechanical Model," Proceedings of the 1992 IEEE/RSJ International Conference on Intelligent Robots and Systems, Raleigh, NC, July 7-10, 1992

Examiner	Date	
Signature	Considered	

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<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08A (10-01) Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitu	ute for form 1449A/PTC	)		Complete if Known				
				Application Number	10/072,728			
INF	ORMATION	DIS	CLOSURE	Filing Date	February 7, 2002			
STA	TEMENT B'	Y AF	PPLICANT	First Named Inventor	Chester L. Schuler			
				Art Unit	2675			
	(use as many she	ets as	necessary)	Examiner Name	Ming-Hun Liu			
Sheet	3	of	3	Attorney Docket Number	IMMR092/02US			

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
		NOLL, "Man-Machine Tactile," SID Journal, July/August 1972 Issue.				
-		ROSENBERG, "Virtual Fixtures: Perceptual Overlays Enhance Operator Performance In Telepresence Tasks," <i>Ph.D. Dissertation</i> , Stanford University, June 1994.				

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JUL 1 4 2004

**Technology Center 2600** 

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**Filing Date** 

Art Unit

PTO/SB/08A (10-01) Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

February 7, 2002

Chester L. Schuler

10/072,728

2675

required to respond to a collection of information unless it contains a valid OMB control number Substitute for form 1449A/PTO Complete if Known

**Application Number** 

First Named Inventor

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

**Examiner Name** Ming Hun Liu of | 11 IMMR092/02US Attorney Docket Number

Sheet 1		of 11			Attorney Doo	ket Number	et Number IMMR092/02US		
				U.S. PA	TENT DOC	UMENTS			
		Document Number	er	0.1	olication Date	Name of Pa		Pages, Columns, Lines, Where	
Examiner	Cite No.1	Number Kind Coo	de² (if known)		M-DD-YYYY	Applicant of Cit		Relevant Passages or Relevant Figures Appear	
		3,76	5,624		10-1973	Kanii	uka		
		3,87	5,488	04	4-01-1975	Crocker	et al.		
		3,92	3,166		12-1975	Fletche	r et al.		
		4,05	0,265		09-1977	Drenner	n et al.		
		4,20	6,891		06-1980	Perez	et al.		
		4,22	7,319		10-1980	Guy e	et al.		
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		4,43	6,188	03	3-13-1984	Jon	es		
		4,53	8,035	08	3-27-1995	Po	ol		
		4,53	8;188		08-1985	Barker	et al.		
		4.60	4,016	08	3-05-1986	Joy	ce		
		†	8,782		3-10-1987	Kra			
		<del></del>	5,673	<del></del>	04-1987	Hawl			
	~	1	5,003		08-1987	West			
			16,445		09-1987	Wright	et al.		
			6,294		1-10-1987	Ouch		RECEIVE	
			9,044	_t	03-1998	Kies	sel		محاء
		1	5,296		1-03-1989	Ja	U	1111 4 4 2004	
			0,721	0	1-31-1989	Cemensi	a et al.	JUL 1 4 2004	,
		<del> </del>	3,413		2-07-1989	Kendig	et al.		000
			7,734		5-06-1989	Ichikawa		Technology Center	26
		1	3,874		3-01-1989	Iwamoto			
			7,816		08-1989	Rogozins			
			1,269		08-1989	Meena		-1.7	
-			6,554		1-30-1990	Culv			
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			7,685		06-1990	Barker			
		T	9,594		07-1990	Moxon			
			3,866		07-1990	Barker			
		1	9,119		3-14-1990	Moncrie			
			9,193		08-1990	Kies			
		1	1,038		0-02-1990	MacN			
			4,004		10-1990	Barl			
Examiner Signature		1,000	3155.	<del></del>		Date Considered			7

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08A (10-01)
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE or respond to a collection of information unless it contains a safet Of the contains.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

Sheet

(use as many sheets as necessary)

of | 11

	Complete if Known
Application Number	10/072,728
Filing Date	February 7, 2002
First Named Inventor	Chester L. Schuler
Art Unit	2675
Examiner Name	Ming Hun Liu
Attorney Docket Number	IMMR092/02US

		MENTS	U.S. PATENT DOCU			
		WEITIS	U.S. TATENT DOOD	Document Number		
	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Name of Patentee or Applicant of Cited Document	Publication Date MM-DD-YYYY	Number Kind Code <sup>2</sup> ( <i>if known</i> )	Cite No.1	Examiner
1		Westland et al.	12-1990	4,979,050		
İ		Kaye	01-1991	4,982,918		
1		Lehmer	01-08-1991	4,983,901		
		Behensky et al.	09-03-1991	5,044,956		
l		Repperger	11-1991	5,062,594		
İ		Davis et al.	10-10-1991	5,072,361		
ĺ		Ferranti et al.	12-31-1991	5,076,517		
1		Clark et al.	03-1992	5,095,303		
l		Rosen	04-21-1992	5,107,080		
l		Cadoz et al.	04-21-1992	5,107,262		
l		Scott-Jackson	05-12-1992	5,113,179		
l		Moncrief et al.	05-26-1992	5,116,051		
ĺ		Vranish	06-1992	5,120,101		
l		Menahem	09-01-1992	5,142,931		
1		Burdea et al.	09-01-1992	5,143,505		
1		Hollis, Jr.	09-08-1992	5,146,566		
l		Cizewski et al.	10-1992	5,156,363		
1		Lang	01-26-1993	5,182,557		
ı		Kramer	02-02-1993	5,184,319		
ı		Good et al.	02-09-1993	5,185,561		
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<b>y L</b> _L		Larkins et al.	02-23-1993	5,189,355		
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UU4	JUL 1 4 2	Loper, III	04-20-1993	5,203,563		
1		Kahkoska	04-20-1993	5,204,600		
hter 26	Technology Cer	Hildreth et al.	05-1993	5,209,661	_	
		Schuler	06-1993	5,220,260		
1		Radke et al.	06-29-1993	5,223,776		
1		Culver	08-17-1993	5,235,868		
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1		Moncrief	01-04-1994	5,275,565		
1		Kwok	01-18-1994	5,280,276		
1		Fuller et al.	02-15-1994	5,286,203		
1		Burdea et al.	10-11-1994	5,354,162		
1		Copperman et al.	11-22-1994	5,366,376		
		Copperman et al.	11-29-1984	5,368,484	_	

Examiner Signature Date Considered

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2675

Ming Hun Liu

Substitute for form 1449A/PTO Complete if Known **Application Number** 10/072,728 INFORMATION DISCLOSURE **Filing Date** February 7, 2002 STATEMENT BY APPLICANT First Named Inventor Chester L. Schuler

Art Unit

**Examiner Name** 

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of | 11 IMMR092/02US Sheet Attorney Docket Number

Sheet	3	of [1]	Attorney Doc	ket Number IMMR09	
			U.S. PATENT DOC	JMENTS	
		Document Number			
Examiner	Cite No.1	Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Substitute	e for form 1449A/PT	0			Complete if Known	
INFORMATION DISCLOSURE				Application Number	10/072,728	
				Filing Date	February 7, 2002	
STATEMENT BY APPLICANT		First Named Inventor	Chester L. Schuler			
				Art Unit	2675	
(use as many sheets as necessary)		Examiner Name	Ming Hun Liu			
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4	of11	Attorney Doo	ket Number	I IMMRU92/	0208	
		U.S. PATENT DOC	UMENTS			]
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Cite No.1	Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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Examiner Signature	Date Considered	

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Substitute for form 1449A/PTO					Complete if Known	
				Application Number	10/072,728	
INFC	PRMATE	ON DIS	CLOSURE	Filing Date	February 7, 2002	
STA	TEMEN'	T BY A	PPLICANT	First Named Inventor	Chester L. Schuler	
				Art Unit	2675	
	(use as mar	ny sheets as	s necessary)	Examiner Name	Ming Hun Liu	
Sheet	5	· of	11	Attorney Docket Number	IMMR092/02US	

Examiner	Cite	F	oreign Patent Doo	cument		Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials*	No.1	Country Code <sup>3</sup>	Number⁴	Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Applicant of Cited  Document	Passages or Relevant Figures Appear	
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INFORMATION DISCLOSURE				Filing Date	February 7, 2002
STA	TEMENT BY	/ AF	PPLICANT	First Named Inventor	Chester L. Schuler
				Art Unit	2675
_	(use as many shee	ets as	necessary)	Examiner Name	Ming Hun Liu
Sheet	6	of	11	Attorney Docket Number	IMMR092/02US

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	_
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	4
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
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Examiner	Date	1
Signature	Considered	j

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				Application Number	10/072,728
INFO	DRMATION	DIS	CLOSURE	Filing Date	February 7, 2002
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				Art Unit	2675
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	· · ·	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	_	
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Substitu	ute for form 1449A/PT0	0		Complete if Known	
			Application Number	10/072,728	
INF	ORMATION	DISCLOSURE	Filing Date	February 7, 2002	
STA	TEMENT B	Y APPLICANT	First Named Inventor	Chester L. Schuler	
			Art Unit	2675	
	(use as many she	eets as necessary)	Examiner Name	Ming Hun Liu	
Sheet	10	of 11	Attorney Docket Number	IMMR092/02US	1

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	]
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
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Under the Paperwork Reduction Act of 199 sons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete if Known 10/072,728 **Application Number** INFORMATION DISCLOSURE **Filing Date** February 7, 2002 STATEMENT BY APPLICANT **First Named Inventor** Chester L. Schuler Art Unit 2675 (use as many sheets as necessary) **Examiner Name** Ming Hun Liu of 11 IMMR092/02US Sheet 11 Attorney Docket Number

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Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
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